Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently Amended) A system for creating new content from a plurality of sources of source content, comprising:

a first decoder [[which is adapted to receive and decode]] for receiving and decoding at least one digital source content signal as a primary signal,

at least one second decoder [[which is adapted to receive and decode]] for receiving and decoding at least one other source content signal as a secondary signal,

storage circuitry [[adapted to store]] for storing at least decoded source content from said decoders;

graphics processing circuitry coupled to said storage circuitry[[, which is adapted to produce]] for producing new content using said source content by transforming and combining said source content from said decoders to produce the new content;

at least one first encoder [[adapted to encode]] for encoding at least some of said new content into digital format for output to a distribution system;

at least one second encoder [[adapted to encode]] for encoding at least some of said new content for output to said distribution system;

a clock [[adapted to control]] for controlling timing of at least one of the first and second decoders and at least one of the first and second encoders; and

control functionality [[adapted to control]] for controlling production of said new content for output to said distribution system, as directed [[at least in part]] by a control program [[control signals]] received from a host.

2.   (Cancelled) A system according to claim 1 in which the control functionality also receives control signals from a stored program.

3.   (Currently Amended) A system according to [[claim 2]] <u>claim 1</u> in which the <u>control</u> [[stored]] program is a locally stored microprogram.

4.   (Currently Amended) A system according to claim 1 in which the control functionality [[is adapted to control]] <u>controls</u> production of new content that corresponds to a geographic area.

5.   (Currently Amended) A system according to claim 1 in which the control functionality [[is adapted to control]] <u>controls</u> production of new content that corresponds at least in part to a member selected from the following set relating to a plurality of individuals: characteristics, preferences and interests.

6.   (Currently Amended) A system according to claim 1 in which the control functionality [[is adapted to control]] <u>controls</u> production of new content that corresponds at least in part to one or more markets.

7.   (Original) A system according to claim 1 in which at least some of the source content is addressed.

8.   (Original) A system according to claim 1 in which at least some of the source content is non-addressed.

9.   (Currently Amended) A system according to claim 1 in which a second decoder [[is adapted to receive]] <u>receives</u> source content from said host.

10.   (Currently Amended) A system according to claim 1 in which a second decoder [[is adapted to receive]] <u>receives</u> source content from a local source.

11.   (Currently Amended) A system according to claim 1 in which at least one of said decoders [[is adapted to accommodate]] accommodates analog video signals, and at least one of said encoders [[is adapted to produce]] produces analog video signals.

12.   (Currently Amended) A process for creating new content from source content, comprising:

 receiving a first digital content signal from a host;

 receiving a second content signal from a non-host source;

 decoding said first digital and said second content signals;

 transforming and combining components of said first content signal and said second content signal into video content;

 according to control signals which [[at least partially emanate from said host, and at least partially from a non-host stored]] are controlled by a control program received from the host, processing and organizing said video content to form said new content; and

 encoding said new content for distribution on a distribution infrastructure; whereby

 a plurality of systems carrying out said process are adapted to display national programming and programming based on new content adapted for a subset of users of said national programming, at least partially under control of said host.

13.   (Currently Amended) A process according to claim 12 further comprising identifying and using only source content and a control program [[control signals]] having predetermined addressing.

14.   (Cancelled) A process according to claim 12 in which the operating mode of processing and organizing said video content is governed at least partially by a locally stored program received from said host.

15.   (Original) A process according to claim 12 in which said new content corresponds at least in part to a geographic area.

16.   (Original) A process according to claim 12 in which said new content corresponds at least in part to a member selected from the following set relating to a plurality of individuals: characteristics, preferences and interests.

17.   (Original) A process according to claim 12 in which said new content corresponds at least in part to one or more markets.

18.   (Original) A process according to claim 12 wherein said control of said host is real time control.

19.   (Original) A process according to claim 12 in which at least some of said encoding and said decoding happens in real time as governed by a common clock.

20.   (Currently Amended) A process for creating new content from source content, comprising:

    receiving a first digital content signal from a host;

    receiving a second content signal from a non-host source;

    decoding said first and said second content signals;

    transforming and combining components of said first content signal and said second content signal into video content;

    according to control signals which [[at least partially emanate from said host, and at least partially from a non-host stored]] are generated by a control program received from the host, processing and organizing said video content to form said new content; and

    encoding said new content for distribution on a cable television system; whereby

    a plurality of systems located in a plurality of head ends in a cable television system carrying out said process [[are adapted to]] display national programming and programming based on new content [[adapted at least in part to correspond]] which corresponds to local

weather conditions for users of said national programming in the geographical area of said cable television system[[, at least partially under control of said host]].

21.   (New) A process according to claim 20, wherein the control program is locally stored.

22.   (New) A process according to claim 20, wherein the control program is received from the host asynchronously from the first digital content signal.

23.   (New) A system according to claim 1, wherein the system is located in a head end of a cable television network and said distribution system delivers said new content to a plurality of end units associated with the head end.

24.   (New) A system according to claim 1, wherein the at least one digital source content signal is received from the host and the control program is received from the host asynchronously from the at least one digital source content signal.

25.   (New) The process according to claim 12, wherein the control signal is received from the host asynchronously from the first digital content signal.